

#### ABSTRACT OF THE DISCLOSURE

For transmitting transmission data generated by a transmission data generator of a communication terminal device, a packet unit determining unit 17 determines a packet unit for a lowest data communication rate for the transmission of the transmission data, among packet units (packet sizes) that can be recognized by a destination communication terminal device and that can be transmitted from the communication terminal device. A packet generator 18 packetizes the transmission data according to the packet unit determined by the packet unit determining unit 17, and transmits the packetized transmission data to the destination communication terminal device.